

## Message Text

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ACTION EB-07

INFO OCT-01 EUR-12 ISO-00 CIAE-00 INR-07 LAB-04 NSAE-00

PA-01 SIL-01 USIA-06 PRS-01 EA-06 /046 W

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C O N F I D E N T I A L MOSCOW 7559

USDOC FOR BEWT/DOWNEY AND BEWT/OEA

E.O. 11652: GDS

TAGS: ESTC, UR

SUBJ: SOPHISTICATED ELECTRONIC INSTRUMENTATION ON DISPLAY AT SVYAZ-75

1. ON MAY 30, COMMERCIAL ATTACHE TOURED SVYAZ-75 EXHIBITION WITH REPRESENTATIVES OF SEVERAL U.S. COMPANIES WHO HAD COMPLAINED TO COMMERICAL OFFICE THAT THEIR WESTERN EUROPEAN AND JAPANESE COMPETITORS WERE DISPLAYING AND OFFERING FOR SALE EQUIPMENT AND INSTRUMENTATION WHICH THEY HAD BEEN FORBIDDEN TO EXHIBIT, MUCH LESS SELL. A LISTING OF THE ITEMS POINTED OUT BY THE U.S. COMPANY REPS IS TRANSMITTED BELOW. ON THE BASIS OF DISCUSSIONS WITH REPRESENTATIVES OF THE WESTERN EUROPEAN AND JAPANESE COMPANIES INVOLVED, IT WOULD APPEAR THAT ALL INTEND TO SELL, WITHOUT REFERENCE TO COCOM, ITEMS ON DISPLAY. COMMENT: EMBASSY BELIEVES THAT IT WOULD BE APPROPRIATE TO TAKE INFORMATION PRESENTED BELOW INTO ACCOUNT IN IMPLEMENTING OUR REGULATIONS GOVERNING

EXPORT OF THESE ITEMS TO USSR. END COMMENT.

2. ITEMS OF PARTICULAR INTEREST ARE AS FOLLOWS:

A) FRENCH FIRM INTERTECHNIQUE WAS DISPLAYING TWO FOURIER ANALYZERS. COMPANY REP SAID INTERTECHNIQUE HAD PREVIOUSLY SOLD THIS EQUIPMENT TO USSR. HE APPEARED UNCONCERNED ABOUT COCOM CONTROLS;

B) SCHLUMBERGER (SAIP DIVISION) WAS DISPLAYING DIGITAL FOURIER

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ANALYZERS. THIS COMPANY WAS ALSO SHOWING

PROGRAMMABLE UNIVERSAL COUNTERS WITH CAPACITY UP TO 500 MHZ.

C) ADREC (FRANCE) WAS DISPLAYING FREQUENCY SYNTHESIZERS WITH CAPACITY UP TO 110 MHZ AND RESOLUTION OF 0.01HZ (MODEL NUMBER 6100); COMPANY WAS ALSO DISPLAYING PROGRAMMABLE MASTER OSCILLATOR (MODEL NUMBER 6204) WITH RANGE OF 100 KHZM TO 32MHZ.

D) SINTRA (FRANCE) WAS DISPLAYING LARGE GRAPHIC DISPLAYS FOR COMPUTER SYSTEMS WHICH INCLUDED "LIGHT PEN" ALLOWING/OPERATOR TO MAKE CHANGES IN DISPLAY DIRECTLY ON THE SCREEN.

E) ANRITSU (JAPAN) WAS DISPLAYING PROGRAMMABLE FREQUENCY SYNTHESIZER (MODEL MG429A1) WITH RANGE UP TO 30 MHZ.

F) TAKEDA RIKEN(JAPAN) WAS DISPLAYING : 1)TR5599D UNIVERSAL CONV-S  
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WITH RANGE UP TO 1000MHZ; 2)TR3017 UNIVERSAL CONVERTER WITH RANGE UP TO 21GHZ; 3) TR5502D 250MHZ UNIVERSAL COUNTER; 4)TR4110 SPECTRUM ANALYZER UP TO 1.5GHZ; 5)TR4111 SPECTRUM ANALYZER UP TO 4.5 GHZ (THIS ITEM WAS LABELLED "TRACKING SCOPE," BUT IT WAS LINKED TO ANTENNA AND WAS PERFORMING FUNCTION OF "SPECTRUM ANALYZER."); 6) TR6120 AND TR6141 PROGRAMMABLE DC VOLTAGE CURRENT GENERATORS. TAKEDA RIKEN ALSO HAD GRAPHIC DISPLAY OF ITS TR320/20 LSI/MSI TEST SYSTEM, WHICH INCLUDES GENERAL AUTOMATION COMPUTER SYSTEM. COMPANY REPS CONFIRMED THAT THEY WERE NEGOTIATING SALE OF THIS SYSTEM TO SOVIETS. 7) TR4821 SAMPLING OSCILLOSCOPES WITH 200 PICOSECOND RESOLUTION.

G) MINATO ELECTRONICS (JAPAN) WAS DISPLAYING SEVERAL MODELS (NUMBERS 1801 AND 1820) OF ITS "P-ROM WRITERS." THESE INSTRUMENTS CAN PRODUCE SO-CALLED PROGRAMMABLE, READ-ONLY MEMORIES, WHICH U.S. COMPANIES ARE NOT ALLOWED TO INCLUDE IN THEIR INSTRUMENTS SOLD TO USSR. WITH MINATO ELECTRONICS EQUIPMENT, SOVIETS CAN NOW MAKE THEIR OWN PROGRAMMABLE, READ-ONLY MEMORIES.

3. SOVIET DISPLAY AT SVYAZ-75 ALSO CONTAINS SEVERAL ITEMS OF INTEREST SUCH AS: 1) 0-50MHZ PROGRAMMABLE SYNTHESIZER (0.01HZ STEPS) WHICH IS EXACT COPY OF HEWLETT-PACKARD 5100. H-P WAS NOT ALLOW ED TO EXHIBIT THEIR MODEL; 2) 6-17.85GHZ SIGNAL GENERATOR, MODEL G4-111 (CURRENT CUT-OFF FOR U.S. PRODUCERS IS 12.4GHZ); 3) 100 CHANNEL DATA ACQUISTION SYSTEM; 4) A WIDE RANGE OF OSCILLOSCOPES, BOTH PORTABLE AND PLUG-IN, RANGING UP TO 10GHS.; 5) MODEL S450 SPECTRUM ANAYZER, UP TO 35GHZ.  
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## Message Attributes

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